



PATENT  
Attorney Docket No. MDE-002C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Serra et al. GROUP NO.: 1771  
SERIAL NO.: 10/730,161 EXAMINER: H. Vo  
FILING DATE: December 8, 2003  
TITLE: Article and Method for Temperature Regulation Using a Thermosensitive  
Reactive Hydrogel Material

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R., this statement is being filed (check one)

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**

- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a final action or notice of allowance but before the payment of the issue fee, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

#### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that **[check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]**:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



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FORM PTO – 1449  INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: MDE-002C1  APPLICANTS: Serra et al.  SERIAL NO.: 10/730,161  FILING DATE: December 8, 2003  GROUP: 1771
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**U.S. PATENT DOCUMENTS**

EXAM INIT.		DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A7	6,451,429 B2	9/17/02	Mumick et al.	428	394	May 18, 2001

**FOREIGN PATENT DOCUMENTS**

EXAM INIT.		DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

**OTHER ART, JOURNAL ARTICLES, ETC.**

EXAM INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C1	Lin, Shan-Yang, "Design and evaluation of drug-loaded wound dressing having thermoresponsive, adhesive, absorptive and easy peeling properties," <i>Biomaterials</i> 22, 2001, pp. 2999-3004

EXAMINER	DATE CONSIDERED
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